

## Certificate of Analysis

### The Weston A. Price Foundation

PMB 106-380, 4200 Wisconsin Ave, NW  
Washington District of Columbia 20016 United States

|                            |                              |                          |                              |
|----------------------------|------------------------------|--------------------------|------------------------------|
| <b>Sample Name:</b>        | Land O Lakes Butter          | <b>Covance Sample:</b>   | 4365362                      |
| <b>Project ID</b>          | WESTON_A_P-20151006-0001     | <b>Receipt Date</b>      | 01-Oct-2015                  |
| <b>PO Number</b>           | CVD                          | <b>Receipt Condition</b> | Cold on Wet Ice or Ice Packs |
| <b>Sample Serving Size</b> |                              | <b>Login Date</b>        | 06-Oct-2015                  |
| <b>Description</b>         | Sample 22<br>Sent: 30SEP2015 | <b>Storage Condition</b> | 5 (+/- 3) degrees Celsius    |
|                            |                              | <b>Online Order</b>      | 10                           |

| Analysis                    | Result        |
|-----------------------------|---------------|
| <b>Vitamin A as Retinol</b> |               |
| Vitamin A from Retinol      | 2610 IU/100g  |
| <b>Vitamin D by LCMS</b>    |               |
| Total Vitamin D3            | <4.00 IU/100g |
| Total Vitamin D2            | <2.00 IU/100g |

| Method References | Testing Location |
|-------------------|------------------|
|-------------------|------------------|

|  |                                       |
|--|---------------------------------------|
| <b>Vitamin A as Retinol (VALC_S:16)</b><br>Official Methods of Analysis, Methods 992.04, 992.06, and 2001.13, AOAC INTERNATIONAL (Modified). | <b>Covance Laboratories - Madison</b> |
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| <b>Vitamin D by LCMS (VDMS_S:18)</b><br>Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA.<br><br>Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," <i>Journal of AOAC International</i> , Volume (92). No. 5:1327-1335 (2009). | <b>Covance Laboratories - Madison</b> |
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| Testing Location(s) | Released on Behalf of Covance by |
|---------------------|----------------------------------|
|---------------------|----------------------------------|

|   |  |
|---|--|
| <b>Covance Laboratories - Madison</b><br><br>Covance Laboratories Inc.<br>3301 Kinsman Blvd<br>Madison WI 53704<br>800-675-8375 x4170 | <b>Lori Ross - Associate Director</b><br><br> |
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